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TI Copper alloy for backing plate of sputtering targets

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AB The Cu alloy contains Fe 0.1-2.6, P 0.001-0.1, and optionally Sn 0.01-2.5, Mg 0.001-0.5, Zn, Co, Ni, and/or Te 0.01-1.0 each, and/or Pb 0.01-4.0%. The alloy shows a good thermal conductivity, solderability, and resistance to thermal strain, and is useful for backing plates in sputtering targets that can be recycled.